

**Sanga, Ravi**

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**From:** Sanga, Ravi  
**Sent:** Friday, September 18, 2015 3:21 PM  
**To:** 'Dee Gardner'  
**Cc:** 'Dyer, Miles'; 'William D. Ernst'; Tom Colligan; Daniel Balbiani; Blocker, Shawn; Mednick, Richard; 'Kerns, Kristen NWS'; Wilkins, Robert H NWS  
**Subject:** RE: 10-2011-0017 JFOS3 / Please Review Trenchbox Excav. Sample Results

Miles -- EPA has reviewed analytical reports from the recent Trenchbox post excavation sampling for the JFOS removal. Samples were below 1 ppm for PCBs and so therefore backfilling can commence on Monday Sept 21, 2015. The USACE will be providing regulatory oversight during the backfilling. As a reminder, the Respondents are required to sample the surface following backfill and final grading.

Should you have any questions, please give me a call.

Thanks

Ravi

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**From:** Dee Gardner [mailto:dgardner@soundearthinc.com]  
**Sent:** Friday, September 18, 2015 1:48 PM  
**To:** Sanga, Ravi  
**Subject:** FW: 10-2011-0017 JFOS3 / Please Review Trenchbox Excav. Sample Results

Deborah Gardner  
SoundEarth Strategies, Inc.

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**From:** Dee Gardner  
**Sent:** Thursday, September 17, 2015 3:56 PM  
**To:** [ravi.sanga@epa.gov](mailto:ravi.sanga@epa.gov)  
**Cc:** Dyer, Miles; 'Turk, Wayne'; Daniel Balbiani; 'Tom Colligan'; 'Dan Hawk'  
**Subject:** 10-2011-0017 JFOS3 / Please Review Trenchbox Excav. Sample Results

Ravi,  
Please review the data transmitted below and attached to this e-mail and advise if EPA has any objection to Jorgensen backfilling the CMP excavation (trenchbox portion only). Jorgensen would like to backfill the trenchbox excavation starting the morning of Monday, September 21.

- On September 15 and 16, approximately 30 feet of CMP were removed from the JFOS3 Unshored Excavation Area, along with overburden soils, which were segregated according to plan. The exposed sections of the Pipes were observed to be sound and intact, and resistant to pressure from the excavator bucket (photo attached).
- Based on the results of confirmation sampling (sample nos. 7 through 10 on CMP Work Plan Figure 7, attached), soils in the bottom of the excavation meet the cleanup level of 1 ppm.

I attached ARI Laboratory Reports AMO6 and AMN4 for your review, and prepared a draft summary spreadsheet. These results are preliminary and remain subject to independent data validation in accordance with the conditionally approved CMP Work Plan; in the meantime, ARI reported that "these analyses proceeded without incident of note".

The four confirmation soil samples were collected from directly underneath the 12-inch and 24-inch CMP, at the locations shown on Figure 7, EXCEPT as noted below:

- The actual alignment of the 12-inch CMP (north Pipe) angles south from the predicted alignment. Therefore, in order to collect confirmation samples from underneath the 12-inch CMP, the actual coordinates for those two sample locations (nos 7 and 8) will be shifted further south than predicted in the CMP Work Plan.

Please advise if you have questions or require additional information in order to review these results.

Regards,

Dee

*Tom Colligan, please share these results with Will Ernst at your earliest discretion.*

Deborah Gardner

Associate Geologist



SoundEarth Strategies, Inc.

2811 Fairview Ave East, Suite 2000

Seattle, Washington 98102

Main: 206.306.1900

Direct: 206.436.5913

Mobile: 206.351.2412